



SHI PRODUCT PASSPORT

Find products. Certify buildings.

SHI Product Passport No.:

14693-10-1024

B!Design SPC 4.3 / 0.2

Product group: Design floors - Vinyl

b!design

b!design / BAUHAUS
Gutenbergstraße 21
68167 Mannheim



Product qualities:



Köttner

Helmut Köttner
Scientific Director
Freiburg, 06 February 2026



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SHI Product Assessment 2024

Since 2008, Sentinel Holding Institut GmbH (SHI) has been establishing a unique standard for products that support healthy indoor air. Experts carry out independent product assessments based on clear and transparent criteria. In addition, the independent testing company SGS regularly audits the processes and data accuracy.

Criteria	Product category	Harmful substance limit	Assessment
SHI Product Assessment	Other floor coverings	TVOC $\leq 160 \mu\text{g}/\text{m}^3$ Formaldehyd $\leq 10 \mu\text{g}/\text{m}^3$	Indoor Air Quality Certified
Valid untill: 01 August 2027			



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QNG - Qualitätssiegel Nachhaltiges Gebäude

The Qualitätssiegel Nachhaltiges Gebäude (Quality Seal for Sustainable Buildings), developed by the German Federal Ministry for Housing, Urban Development and Building (BMWSB), defines requirements for the ecological, socio-cultural, and economic quality of buildings. The Sentinel Holding Institut evaluates construction products in accordance with QNG requirements for certification and awards the QNG ready label. Compliance with the QNG standard is a prerequisite for eligibility for the KfW funding programme. For certain product groups, the QNG currently has no specific requirements defined. Although classified as not assessment-relevant, these products remain suitable for QNG-certified projects.

Criteria	Pos. / product group	Considered substances	QNG assessment
3.1.3 Schadstoffvermeidung in Baumaterialien	2.2 Resilient floor coverings – including multilayer systems	VOC / Emissions / hazardous substances / polycyclic aromatic hydrocarbons (PAH) / SVHC / heavy metals	QNG ready
Verification: Herstellererklärung vom 03.02.2026			



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BNB-BN Neubau V2015

The Bewertungssystem Nachhaltiges Bauen (Assessment System for Sustainable Building) is a tool for evaluating public office and administrative buildings, educational facilities, laboratory buildings, and outdoor areas in Germany. The BNB was developed by the former Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB) and is now overseen by the Federal Ministry for Housing, Urban Development and Building (BMWSB).

Criteria	Pos. / product type	Considered substance group	Quality level
1.1.6 Risiken für die lokale Umwelt	2a Elastic floor coverings – with and without bonded underlay or insulation layer	VOC / hazardous substances / heavy metals	Quality level 3

Verification: Herstellererklärung vom 03.02.2026



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BREEAM DE Neubau 2018

BREEAM (Building Research Establishment Environmental Assessment Methodology) is a UK-based building assessment system that evaluates the sustainability of new constructions, refurbishments, and conversions. Developed by the Building Research Establishment (BRE), the system aims to assess and improve the environmental, economic, and social performance of buildings.

Criteria	Product category	Considered substances	Quality level
Hea 02 Indoor Air Quality	Flooring materials (including floor levelling compounds and resin flooring)	Emissions: Formaldehyde, TVOC, TSVOC, carcinogens	Exemplary quality

Verification: Prüfbericht des Instituts Eco-Institut vom 21.12.2020 / Prüfberichts Nr. 55793-001 Konformitätserklärung vom 23.07.2025 bestätigt die materielle Übereinstimmung mit dem geprüften Produkt.



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Product labels

In the construction industry, high-quality materials are crucial for a building's indoor air quality and sustainability. Product labels and certificates offer guidance to meet these requirements. However, the evaluation criteria of these labels vary, and it is important to carefully assess them to ensure products align with the specific needs of a construction project.



This product is SHI Indoor Air Quality certified and recommended by Sentinel Holding Institut. Indoor-air-focused construction, renovation, and operation of buildings is made possible by transparent and verifiable criteria thanks to the Sentinel Holding concept.



Products bearing the Sentinel Holding Institute QNG-ready seal are suitable for projects aiming to achieve the "Qualitätssiegel Nachhaltiges Gebäude" (Quality Seal for Sustainable Buildings). QNG-ready products meet the requirements of QNG Appendix Document 3.1.3, "Avoidance of Harmful Substances in Building Materials." The KfW loan program Climate-Friendly New Construction with QNG may allow for additional funding.



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Legal notices

(*) These criteria apply to the construction project as a whole. While individual products can positively contribute to the overall building score through proper planning, the evaluation is always conducted at the building level. The information was provided entirely by the manufacturer.

Find our criteria here: <https://www.sentinel-holding.eu/de/Themenwelten/Pr%C3%BCfverfahren%20f%C3%BCr%20Produkte>

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www.sentinel-holding.eu



Sämtliche Abbildungen können farblich vom Originalprodukt abweichen.

Eiche Fortuna

- ◇ Natürliche Holzoptik
- ◇ Dimensionsstabil und wasserresistent
- ◇ Grosse Fläche verlegbar (bis 400 m²)
- ◇ Nur 4,3 mm Aufbauhöhe
- ◇ Format: 1220 x 181 mm
- ◇ Nutzschicht 0,2 mm
- ◇ Kartoninhalt: 12 Dielen = 2,650 m²
- ◇ Geeignet für Warmwasser- und elektrische Fußbodenheizung
- ◇ 2G-Klickverbindung
- ◇ Emissionsarm (Zertifiziert A+)
- ◇ Integrierte Unterlagsmatte (0,8 mm)
- ◇ Tritt- & Raumschallreduktion bis 20 dB
- ◇ Nutzungsklasse 22+

Vor der Verlegung zu beachten:

- Mengenbedarf +10% der Fläche
- Unterboden sauber, hart, eben, stabil und fest
- Unebenheiten ausgleichen (max. 3 mm pro 1,2 m)
- Dielen horizontal liegend im Raum für mindestens 24 Stunden akklimatisieren empfohlen!
- **Wichtig:** Raumtemperatur = Bodentemperatur beim Einbau
- Nutzungstemperatur 15°C bis 60°C

Bei der Verlegung zu beachten:

- Auf Linoleum, Holz/Holzstoffplatten: 0,2 mm PE Baufolie zur Entkoppelung zwingend erforderlich!
- Die Dielen müssen richtig eingeklickt sein
- Dehnfugen zu Wänden und feststehenden Gegenständen von > 8-10 mm vorsehen
- Maximale freistehende Feldgröße 20 x 20 m (400 m²) ohne Dehnfuge verlegbar
- Verwenden Sie **keine** zusätzliche Unterlagsmatte



Artikel-Nr.	Facido-Nr.	Bezeichnung	EAN	Pack/PAL
33049799	106100260	b!design SPC, Eiche Fortuna, 4,3 mm	7640370942482	36

Herstellererklärung - HWZI2

Name: **HWZ Int. AG**

Adresse: **Untere Gründlistrasse 23, 6055 Alpnach Dorf, Schweiz**

erklärt in eigener Verantwortung, dass die an die Bauhaus gelieferten Produkte:

Bezeichnung

Original-Artikelnummer

b!design SPC 4.3/0.2

b!design SPC 4.8/0.5

b!design SPC 4.2/0.3, I4F Drop Down

B!Design SPC 3.8/0.3

B!Design SPC 3.5/0.2

Position & Bauproduktgruppe: 2.2 Elastische Bodenbeläge - auch mehrschichtige Systeme

Betrachtete Stoffe: VOC / Emissionen / gefährliche Stoffe / Polyzyklische Aromatische Kohlenwasserstoffe (PAK) / SVHC / Schwermetalle

QNG-Anforderungen: Einhaltung AgBB-Schema, Kautschukbeläge

Schadstoffvermeidung: krebserzeugende Nitrosamine $\leq 0,011$ mg/kg oder $\leq 0,0002$ mg/m³; PVC-Bodenbeläge: reproduktiontoxische Phalate $\leq 0,10$ %; keine Zinn-, Cadmium- und Bleistabilisatoren

Obenstehende Produkte erfüllen die Kriterien für Schadstoffvermeidung in Baumaterialien vorgegeben durch das Qualitätssiegel Nachhaltiges Gebäude (QNG).

Alpnach Dorf, 3. Februar 2026

Jaime Iglesias

